

**BTS282Z E3230 Information**


For Reference Only

**Part Number** [BTS282Z E3230](#)  
**Manufacturer** Infineon Technologies  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 49V 80A TO220-7  
**Package** TO-220-7  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**BTS282Z E3230 Specifications**

Manufacturer Part Number	<a href="#">BTS282Z E3230</a>
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-220-7
Series	TEMPFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	49V
Current - Continuous Drain (Id) @ 25°C	80A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 240µA
Gate Charge (Qg) (Max) @ Vgs	232nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4800pF @ 25V
Vgs (Max)	±20V
FET Feature	Temperature Sensing Diode
Power Dissipation (Max)	300W (Tc)
Rds On (Max) @ Id, Vgs	6.5 mOhm @ 36A, 10V
Operating Temperature	-40°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO220-7-230
Package / Case	TO-220-7

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## BTS282Z E3230 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## BTS282Z E3230 Payment Methods



## BTS282Z E3230 Shipping Methods



If you have any question about BTS282Z E3230, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)